



**PRINCETON GEOSCIENCE, INC.**

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October 7, 2011

**Via U.S. Mail**

Mr. John Osolin  
New Jersey Remediation Branch  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency  
Region II  
290 Broadway, 19<sup>th</sup> Floor  
New York, New York 10007-1866

RE: CPS/Madison Superfund Site  
**Monthly Progress Report #72 (September 8, 2011 to October 7, 2011)**

Dear Sir:

As required by the Administrative Order on Consent entered into on October 6, 2005 BASF (formerly Ciba Specialty Chemicals) is herein submitting Monthly Progress Report #72 detailing activity from September 8, 2011 to October 7, 2011.

As outlined in the AOC, the report details activities undertaken during the reporting period as well as a listing of the AOC requirements fulfilled. As required, a one month and two month forecast of activities is also included.

Please feel free to call Joseph Guarnaccia of BASF (732 914-2516), if there are any questions or concerns.

Sincerely,

**PRINCETON GEOSCIENCE, INC.**

James L. Peterson, P.G.  
Principal

Cc:  
M. Goodwin/NJDEP  
Casaletto/Madsion  
File & internal distribution

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# **CPS/Madison SUPERFUND SITE**

**Progress Report # 72**

**September 8, 2011 to October 7, 2011**

This progress report is being submitted to the Environmental Protection Agency as a requirement of the Administrative Order on Consent with the effective date of October 6, 2005.

## **Previous Month (September 8, 2011 to October 7, 2011) Activity**

### **1. AOC Requirements and Submittals associated with this report.**

- No new data packages associated with this reporting period

### **2. Ongoing Investigations/Activities**

- IRM evaluation analysis of data and reporting.
- Prepare "Site characterization Summary Report" submittal to satisfy a requirement of the SOW. This report will summarize the RI data collected to date and analyze it for completeness and provide a summary of remaining data gaps. In particular for BASF, this submittal will lead to conclusions regarding the completeness of the RI-phase in terms of meeting the requirements of the SOW: characterize the distribution of site-related VOCs and metals in groundwater, complete baseline human health and ecological risk assessments, prepare a feasibility study for the CPS site that addresses ongoing groundwater or contact hazard source material. Because data needs are related to the approved risk assessment framework, this report will also include a discussion on this topic.

### **3. Source Area IRM (September 2011)**

<b>Well</b>	<b>Month Total(gal)</b>	<b>Rate (ave. gpm)</b>	<b>Discharge MUA(gal)</b>	<b>On-Site Recharge(gal)</b>
<b>CPS3A</b>	<b>666,192</b>	<b>15</b>		
<b>WE2RB</b>	<b>504,839</b>	<b>12</b>		
<b>Totals</b>	<b>1,171,031</b>	<b>27</b>	<b>1,103,702</b>	<b>107,421</b>

### **4. Planned October 2011 Activity**

- Complete the IRM hydrogeological investigation: interpretation of accumulated data and reporting.
- Prepare and submit "Site characterization Summary Report"
- Coordinate a meeting with EPA to discuss content of the "Site characterization Summary Report"

## **Projected November 2011 Activity**

- Fill remaining data gaps required to complete the RI phase of the project.
- Conduct risk assessments.

cc: EPA 3 copies  
M.Goodwin/NJDEP 3 copies  
Casaletto/for Madison  
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